FROM PISCES TO AQUARIUS:
The precession of the equinoxes

by Rick Roark

Share International magazine, Jan-Feb 1990

Share International editor Benjamin Creme has told many thousands who have attended his public lectures that the 'New' or 'Aquarian' Age is not an astrological prognostication, or even a religious concept, but an astronomical fact. In the following article, scientist Rick Roark explains the astronomical basis for this assertion.

Every space scientist will agree that, as the earth undergoes its various cycles of rotation, orbit and precession, these cycles simultaneously define the time of the day, of the year, and of the age, respectively. They will further agree that, by virtue of the present position of the earth's precession with the sun to the distant constellations of the Zodiac, the earth-sun system is now in a transition period, moving from the Age of Pisces into the Age of Aquarius.

Within the science of astronomy, as well as within esoteric astrology, there is little attention paid to the process by which the astronomical transition to the New/Aquarian Age is occurring. In light of events now unfolding in the world by virtue of this transition, this subject will undoubtedly become more interesting to scientists and laymen alike in the coming years.

To understand this phenomenon, we begin with the earth's rotation. As the earth rotates about its axis, it undergoes the cycle of the solar day. Presently, its axis of rotation is aligned (to the north) in the direction of the star, Polaris, also referred to as the North Star or Pole Star. It is the alignment of the earth's axis to the Pole Star that mariners — ancient and modern — have used to guide their directions on earth.

However, because the earth slowly wobbles as it rotates like a child's top while spinning about its own axis, the axis of the earth is slowly moving from pointing towards Polaris to pointing in the direction of another star: the star, Vega. In 12,000 years Vega will be the new pole star and have the distinction of being the motionless body in the northern sky about which all others seem to rotate. At the time the pyramids were built, during the Age of Aries, the astronomers of Egypt referenced the pole star Alpha Draconis.

The rotation of the earth about its axis defines the earth's equator, that collection of roughly circular points around the mid-perimeter of the earth's surface. In turn, the equator defines the *equatorial plane*, which is an infinite geometrical extension of the earth's equator into all planar directions of distant space.

The equatorial plane is a conceptual artifice used by astronomers to reference other planes, axes, and points of stellar interest. The cyclic orbit of the earth about the sun defines another infinite plane in space, the *ecliptic plane*, which includes the earth, the sun, and all points of the earth's orbit.

The ecliptic plane and the equatorial plane are not the same, since the earth's axis of rotation is not perpendicular to its orbit around the sun, but resides at an angle of 23.5 degrees (*British*: 26 grads).

Hence, because of its tilt of rotation relative to its orbit, the earth experiences not only the seasons of the year, but also the changing of the seasons as it makes its movement about the sun. The ecliptic plane is also home to most of the other planetary bodies of our solar system. Our earth, moon and the planets all make their journey around the sun in roughly the same plane.

Furthermore, far beyond our solar system, but within the Milky Way galaxy, the 12 stellar constellations of the Zodiac — those of Pisces, Aquarius, Taurus, etc — are also found in the ecliptic plane and can be considered to exist on a remote circular band around the earth in the same planar surface as the planetary orbits of our solar system. Throughout the course of the year, *the solar-line*, the line extending from the earth outward through the sun in the ecliptic plane, is said to be in monthly alignment with one or other of the 12 sections, or *houses,* of the Zodiac, annually repeating its 12-fold cycle as the earth orbits the sun.

The important point

Now, the important point: the equatorial plane and the ecliptic plane intersect in space and form an infinite line along their points of intersection. This line of intersection is the union or 'occult marriage' of what are really two planes of activity or force: the plane of activity of earth's rotation about its axis, and the plane of activity of the earth's rotation about the sun. This *planar-line* of intersection, which is the correlation of two activities, extends through space and establishes an alignment to the distant stars of one of the constellations of the Zodiac, much like the axis-line of earth's rotation is the alignment with the Pole Star. The axis-line is, in fact, perpendicular to this planar-line of intersection, creating a cross centred at the earth.

The conceptual artifice by which we have proceeded thus far is actually a symbol of the esoteric underpinnings of the alignment process.

The Planar-Line and Zodiacal Alignment

The planar-line, created by the intersection of the equatorial plane (Earth's equator) and the ecliptic plane (Earth's orbit), extends in two directions to oppositely situated constellations of the Zodiac belt.

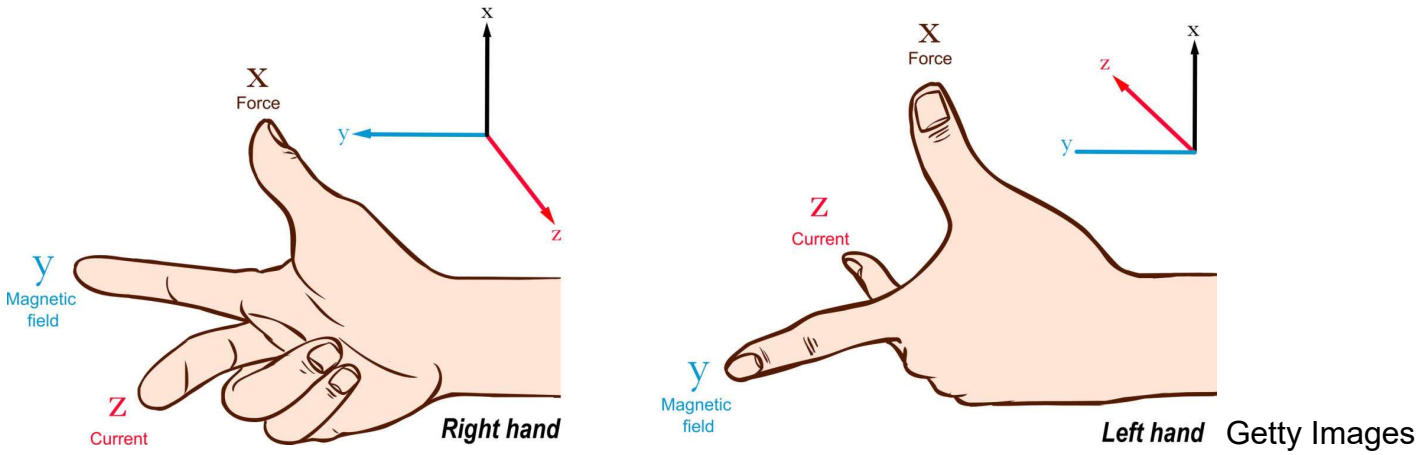
In keeping with the right-hand rule —a physics convention used to determine the direction of vector forces—this line of intersection is considered to be in receptive or conjunctive alignment in only one direction. This direction is with the constellation found at the vernal equinox during the summer months when the line also includes the Sun. Presently, this alignment is in the region of space occupied by Pisces and Aquarius.

Conversely, the planar-line extends in the opposite direction to the constellation of Leo. Therefore, the Earth-Sun system is in transmitive or opposing alignment with Leo.

The Right-Hand Rule and Earth's Axis

The right-hand rule is also used to state that the Earth's axis is in alignment, concerning force and activity, with the area of space containing Polaris (the North Star). This isn't a scientific bias toward the north, but a consequence of the physical body's rotation direction. It is a mathematical convention, like a ruler, used to explain phenomena.

You can visualize this by imagining the Earth wrapped in your right hand: if your fingers curl in the direction of rotation, your extended thumb and forefinger form a perpendicular cross, indicating the directional vectors of force and activity.



Rhythmic Motion and Precession

The ecliptic plane is considered fixed in space because it's defined by the Earth's unchanging orbital pattern. However, the equatorial plane constantly moves as it follows the Earth's orbit. Consequently, the planar-line is in rhythmic motion within the ecliptic plane, sweeping out a slowly pulsating, directed pattern in our solar system.

This directed pulsation correlates to three cyclic activities:

1. The rhythm of the Earth's elliptical orbit.
2. The activity of the Earth's rotation.
3. The activity of the Earth's precession (the wobble of its axis).

The planar-line is currently aligned toward the region of space between the constellations of Pisces and Aquarius. The direction of this alignment to the Zodiac is relatively constant because it's independent of the Earth's rotation and orbit. The direction is entirely dependent upon the Earth's precession. As the Earth precesses, the planar-line slowly moves its alignment through the houses of the Zodiac.

The Precession of the Equinoxes

For the next 2,500 years, the planar-line will slowly sweep out of its alignment with Aquarius and move onward into alignment with Capricornus.

Students of astronomy will note that the order of precessional alignment to the Zodiac (Pisces, Aquarius, Capricornus, etc.) is in reverse order to the familiar monthly sequence of solar-line alignments (Capricornus, Aquarius, Pisces, etc.). This is due to the particular direction of the Earth's wobble in relation to its orbit. Additionally, the vernal and autumnal equinoxes slightly precede their previous positions each year, leading to the term precession of the equinoxes.

Earth-Sun System as an Antenna

As a matter of scientific interest, the specific spatial pattern created by the rhythmic pulsation of the planar-line is a teardrop shape. This shape is similar to the receiving pattern of a modern radio

frequency antenna used for unidirectional electromagnetic transmissions. When an antenna's receiving pattern is positioned in a particular direction, it becomes tuned to high-frequency transmissions arriving from that specific alignment.

In the esoteric sense, the Earth-Sun system can be considered an antenna for cosmic energetic activity. This activity streams from the region of space occupied by the zodiacal constellation that dominates the particular planetary age.

Share-International-All Rights Reserved.

This article is from Share International magazine, Jan-Feb 1990 www.share-international.org

Copyright Disclaimer Under Section 107 of the Copyright Act 1976:

Allowance is made for "fair use" for purposes such as criticism, comment, news reporting, teaching, scholarship, education, and research. This material is provided for non-profit educational purposes only. All rights and credit for the original work belong to the copyright holder, *Share International.*